

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: ACM SMELTER AND REFINERY

EPA ID: MTD093291599

HE Survey Status: Current Human Exposure Not Controlled

Estimated Under Control Date: 03/31/26

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 03/31/26

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Current human exposure not controlled.

Skip to Step 5	Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site? Answer: <u>Yes</u> Listing Reference Documents:	No	Insufficient Data to Determine Human Exposure Control Status
	↓ Yes		
	Step 2. Have all human exposure-related cleanup goals been met for the entire site? Answer: <u>No</u> Listing Reference Documents:	Yes	Long-Term Human Health Protection Achieved
	↓ No		
	Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions? Answer: <u>Yes</u> Listing Reference Documents:	Yes	Current Human Exposures Not Controlled
	↓ Yes		
Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions? Answer: <u>No</u> Listing Reference Documents:	No		
	Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective? Answer: Listing Reference Documents:	No	Current Human Exposures Controlled
		Yes	Current Human Exposure Controlled and Protective Remedy in Place
	Step 6. Are there continuing exposures at the site? Answer: <u>No</u> Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).		

Remedial Project Manager Coleman, Charles

Date Completed

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: ANACONDA ALUMINUM CO COLUMBIA FALLS REDUCTION EPA ID: MTD057561763

PLANT

HE Survey Status:

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved:

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

--

Skip to Step 5	<div>Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site? Answer: Listing Reference Documents:</div>	No	Insufficient Data to Determine Human Exposure Control Status
	↓ Yes		
	<div>Step 2. Have all human exposure-related cleanup goals been met for the entire site? Answer: Listing Reference Documents:</div>	Yes	Long-Term Human Health Protection Achieved
	↓ No		
	<div>Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions? Answer: Listing Reference Documents:</div>	No	Current Human Exposures Not Controlled
	↓ Yes		
<div>Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions? Answer: Listing Reference Documents:</div>	No	Current Human Exposures Controlled	
↓ Yes			
<div>Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective? Answer: Listing Reference Documents:</div>	No	Current Human Exposure Controlled and Protective Remedy in Place	
↓ Yes			
<div>Step 6. Are there continuing exposures at the site? Answer: Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).</div>			

Remedial Project Manager Cirian, Mike	Date Completed
------------------------------------------	----------------

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: ANACONDA CO. SMELTER

EPA ID: MTD093291656

HE Survey Status: Insufficient Data to Determine Human Exposure Control Status

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID): 12/31/15

Estimated LTHHP will be Achieved: 12/31/15

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Change as a result of new information currently being evaluated.

Skip to Step 5	Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site? Answer: <u>NO</u> Listing Reference Documents:	No	Insufficient Data to Determine Human Exposure Control Status
	↓ Yes		
	Step 2. Have all human exposure-related cleanup goals been met for the entire site? Answer: Listing Reference Documents:	Yes	Long-Term Human Health Protection Achieved
	↓ No		
	Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions? Answer: Listing Reference Documents:	No	Current Human Exposures Not Controlled
	↓ Yes		
Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions? Answer: Listing Reference Documents:	No	Current Human Exposures Controlled Current Human Exposure Controlled and Protective Remedy in Place	
↓ Yes			
Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective? Answer: Listing Reference Documents:	No		
↓ Yes			
Step 6. Are there continuing exposures at the site? Answer: <u>NO</u> Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).			

Remedial Project Manager Coleman, Charles

Date Completed

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: BARKER HUGHESVILLE MINING DISTRICT

EPA ID: MT6122307485

HE Survey Status: Current Human Exposure Controlled

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 06/30/15

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Removal action. Absence of permanent residents in close proximity to mine wastes.

Skip to Step 5	Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site? Answer: <u>Yes</u> Listing Reference Documents:	No	Insufficient Data to Determine Human Exposure Control Status
	↓ Yes		
	Step 2. Have all human exposure-related cleanup goals been met for the entire site? Answer: <u>No</u> Listing Reference Documents:	Yes	Long-Term Human Health Protection Achieved
	↓ No		
	Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions? Answer: <u>No</u> Listing Reference Documents:	No	
	↓ Yes		
Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions? Answer: Listing Reference Documents:	No	Current Human Exposures Not Controlled	
↓ Yes			
Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective? Answer: <u>No</u> Listing Reference Documents:	No	Current Human Exposures Controlled	
		Yes	Current Human Exposure Controlled and Protective Remedy in Place
Step 6. Are there continuing exposures at the site? Answer: <u>No</u> Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).			

Remedial Project Manager Hoogerheide, Roger

Date Completed

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: BASIN MINING AREA

EPA ID: MTD982572562

HE Survey Status: Current Human Exposure Controlled

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 06/30/16

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Changed as a result of a data quality review and reassessment completed on 11/10/05 by the site RPM and the Montana Office Director.

People can access contaminated soils and waters in the drainage under a recreational senario.

Skip to Step 5	<p>Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site?</p> <p>Answer: <u>Yes</u></p> <p>Listing Reference Documents:</p>	No	Insufficient Data to Determine Human Exposure Control Status
	<p>↓ Yes</p> <p>Step 2. Have all human exposure-related cleanup goals been met for the entire site?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	Yes	Long-Term Human Health Protection Achieved
	<p>↓ No</p> <p>Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions?</p> <p>Answer: <u>Yes</u></p> <p>Listing Reference Documents:</p>		
	<p>↓ Yes</p> <p>Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions?</p> <p>Answer: <u>Yes</u></p> <p>Listing Reference Documents:</p>	No	Current Human Exposures Not Controlled
	<p>↓ Yes</p> <p>Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	No	Current Human Exposures Controlled
	<p>↓ Yes</p> <p>Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	Yes	Current Human Exposure Controlled and Protective Remedy in Place
<p>Step 6. Are there continuing exposures at the site?</p> <p>Answer: <u>Yes</u></p> <p>Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).</p>			

Remedial Project Manager Edwards, Kristine

Date Completed

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: BURLINGTON NORTHERN LIVINGSTON SHOP COMPLEX

EPA ID: MTD986066025

HE Survey Status: Current Human Exposure Not Controlled

Estimated Under Control Date: 09/30/21

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 09/30/21

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Skip to Step 5	<p>Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site?</p> <p>Answer: <u>Yes</u></p> <p>Listing Reference Documents:</p>	No	Insufficient Data to Determine Human Exposure Control Status
	<p>↓ Yes</p> <p>Step 2. Have all human exposure-related cleanup goals been met for the entire site?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	Yes	Long-Term Human Health Protection Achieved
	<p>↓ No</p> <p>Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions?</p> <p>Answer: <u>Yes</u></p> <p>Listing Reference Documents:</p>		
	<p>↓ Yes</p> <p>Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	No	Current Human Exposures Not Controlled
	<p>↓ Yes</p> <p>Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective?</p> <p>Answer:</p> <p>Listing Reference Documents:</p>	No	Current Human Exposures Controlled
	<p>↓ Yes</p> <p>Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective?</p> <p>Answer:</p> <p>Listing Reference Documents:</p>	Yes	Current Human Exposure Controlled and Protective Remedy in Place
	<p>Step 6. Are there continuing exposures at the site?</p> <p>Answer: <u>No</u></p> <p>Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).</p>		

Remedial Project Manager	Hoogerheide, Roger	Date Completed
--------------------------	--------------------	----------------

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: CARPENTER SNOW CREEK MINING DISTRICT

EPA ID: MT0001096353

HE Survey Status: Current Human Exposure Controlled

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 12/31/21

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Removal completed. No residents in close proximity to mine wastes.

Skip to Step 5	Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site? Answer: <u>Yes</u> Listing Reference Documents:	No	Insufficient Data to Determine Human Exposure Control Status
	↓ Yes		
	Step 2. Have all human exposure-related cleanup goals been met for the entire site? Answer: <u>No</u> Listing Reference Documents:	Yes	Long-Term Human Health Protection Achieved
	↓ No		
	Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions? Answer: <u>No</u> Listing Reference Documents:		
	↓ Yes		
Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions? Answer: Listing Reference Documents:	No	Current Human Exposures Not Controlled	
	↓ Yes		
	Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective? Answer: <u>No</u> Listing Reference Documents:	No	Current Human Exposures Controlled
		Yes	Current Human Exposure Controlled and Protective Remedy in Place
	Step 6. Are there continuing exposures at the site? Answer: <u>No</u> Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).		

Remedial Project Manager Hoogerheide, Roger

Date Completed

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: EAST HELENA SITE

EPA ID: MTD006230346

HE Survey Status: Current Human Exposure Controlled

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 06/30/30

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Changed as a result of a data quality review and reassessment completed on 11/10/05 by the site RPM and the Montana Office Director.

	<p>Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site?</p> <p>Answer: <u>Yes</u></p> <p>Listing Reference Documents:</p>	<p>No</p>	<p>Insufficient Data to Determine Human Exposure Control Status</p>
	<p>↓ Yes</p>		
	<p>Step 2. Have all human exposure-related cleanup goals been met for the entire site?</p> <p>Answer: <u>NO</u></p> <p>Listing Reference Documents:</p>	<p>Yes</p>	<p>Long-Term Human Health Protection Achieved</p>
	<p>↓ No</p>		
<p>Skip to Step 5</p>	<p>Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions?</p> <p>Answer: <u>NO</u></p> <p>Listing Reference Documents:</p>		
	<p>↓ Yes</p>		
	<p>Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions?</p> <p>Answer:</p> <p>Listing Reference Documents:</p>	<p>No</p>	<p>Current Human Exposures Not Controlled</p>
	<p>↓ Yes</p>		
	<p>Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective?</p>	<p>No</p>	<p>Current Human Exposures Controlled</p>
	<p>Answer: <u>NO</u></p> <p>Listing Reference Documents:</p>	<p>Yes</p>	<p>Current Human Exposure Controlled and Protective Remedy in Place</p>
	<p>Step 6. Are there continuing exposures at the site?</p> <p>Answer: <u>NO</u></p> <p>Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).</p>		

Remedial Project Manager Burns, Betsy

Date Completed

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: FLAT CREEK IMM

EPA ID: MT0012694970

HE Survey Status: Insufficient Data to Determine Human Exposure Control Status

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID): 12/31/16

Estimated LTHHP will be Achieved: 09/30/18

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Skip to Step 5	Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site? Answer: <u>NO</u> Listing Reference Documents:	No	Insufficient Data to Determine Human Exposure Control Status
	↓ Yes		
	Step 2. Have all human exposure-related cleanup goals been met for the entire site? Answer: Listing Reference Documents:	Yes	Long-Term Human Health Protection Achieved
	↓ No		
	Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions? Answer: Listing Reference Documents:	No	Current Human Exposures Not Controlled
	↓ Yes		
Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions? Answer: Listing Reference Documents:	No	Current Human Exposures Controlled Current Human Exposure Controlled and Protective Remedy in Place	
↓ Yes			
Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective? Answer: Listing Reference Documents:	No		
		Yes	
Step 6. Are there continuing exposures at the site? Answer: <u>NO</u> Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).			

Remedial Project Manager Edwards, Kristine

Date Completed

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: IDAHO POLE CO.

EPA ID: MTD006232276

HE Survey Status: Current Human Exposure Controlled

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 06/30/08

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Skip to Step 5	<p>Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site?</p> <p>Answer: <u>Yes</u></p> <p>Listing Reference Documents:</p>	No	Insufficient Data to Determine Human Exposure Control Status	
	<p>↓ Yes</p> <p>Step 2. Have all human exposure-related cleanup goals been met for the entire site?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	Yes		Long-Term Human Health Protection Achieved
	<p>↓ No</p> <p>Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	No	Current Human Exposures Not Controlled	
	<p>↓ Yes</p> <p>Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions?</p> <p>Answer:</p> <p>Listing Reference Documents:</p>	No		
	<p>↓ Yes</p> <p>Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	No		Current Human Exposures Controlled
	<p>↓ Yes</p> <p>Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	Yes		
<p>Step 6. Are there continuing exposures at the site?</p> <p>Answer: <u>No</u></p> <p>Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).</p>				

Remedial Project Manager	Hoogerheide, Roger	Date Completed
--------------------------	--------------------	----------------

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: LIBBY ASBESTOS SITE

EPA ID: MT0009083840

HE Survey Status: Current Human Exposure Not Controlled

Estimated Under Control Date: 12/31/22

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 12/31/22

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Removal Actions ongoing.

Skip to Step 5	<p>Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site?</p> <p>Answer: <u>Yes</u></p> <p>Listing Reference Documents:</p>	No	Insufficient Data to Determine Human Exposure Control Status
	<p>↓ Yes</p> <p>Step 2. Have all human exposure-related cleanup goals been met for the entire site?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	Yes	Long-Term Human Health Protection Achieved
	<p>↓ No</p> <p>Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions?</p> <p>Answer: <u>Yes</u></p> <p>Listing Reference Documents:</p>		
	<p>↓ Yes</p> <p>Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	No	Current Human Exposures Not Controlled
	<p>↓ Yes</p> <p>Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective?</p> <p>Answer:</p> <p>Listing Reference Documents:</p>	No	Current Human Exposures Controlled
	<p>Yes</p>	Yes	Current Human Exposure Controlled and Protective Remedy in Place
	<p>Step 6. Are there continuing exposures at the site?</p> <p>Answer: <u>No</u></p> <p>Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).</p>		

Remedial Project Manager Thomas, Rebecca

Date Completed

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: LIBBY GROUND WATER CONTAMINATION

EPA ID: MTD980502736

HE Survey Status: Current Human Exposure Controlled

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 09/30/15

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Change estimated Long-Term Human Health Protected date.

Skip to Step 5	Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site? Answer: <u>Yes</u> Listing Reference Documents:	No	Insufficient Data to Determine Human Exposure Control Status
	↓ Yes		
	Step 2. Have all human exposure-related cleanup goals been met for the entire site? Answer: <u>No</u> Listing Reference Documents:	Yes	Long-Term Human Health Protection Achieved
	↓ No		
	Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions? Answer: <u>No</u> Listing Reference Documents:		
	↓ Yes		
Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions? Answer: Listing Reference Documents:	No	Current Human Exposures Not Controlled	
	↓ Yes		
	Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective? Answer: <u>No</u> Listing Reference Documents:	No	Current Human Exposures Controlled
		Yes	Current Human Exposure Controlled and Protective Remedy in Place
	Step 6. Are there continuing exposures at the site? Answer: <u>No</u> Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).		

Remedial Project Manager Cerise, Kathryn

Date Completed

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: LOCKWOOD SOLVENT GROUND WATER PLUME

EPA ID: MT0007623052

HE Survey Status: Current Human Exposure Controlled

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 12/31/17

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Municipal water supply and indoor air vapor mitigation measures taken. Worker exposures not considered to be reasonably expected.

	<p>Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site?</p> <p>Answer: <u>Yes</u></p> <p>Listing Reference Documents:</p>	<p>No</p>	<p>Insufficient Data to Determine Human Exposure Control Status</p>
	<p>Step 2. Have all human exposure-related cleanup goals been met for the entire site?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	<p>Yes</p>	<p>Long-Term Human Health Protection Achieved</p>
	<p>Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions?</p> <p>Answer: <u>NO</u></p> <p>Listing Reference Documents:</p>	<p>No</p>	
	<p>Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions?</p> <p>Answer:</p> <p>Listing Reference Documents:</p>	<p>No</p>	<p>Current Human Exposures Not Controlled</p>
<p>Skip to Step 5</p>	<p>Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective?</p> <p>Answer: <u>NO</u></p> <p>Listing Reference Documents:</p>	<p>No</p>	<p>Current Human Exposures Controlled</p>
		<p>Yes</p>	<p>Current Human Exposure Controlled and Protective Remedy in Place</p>
	<p>Step 6. Are there continuing exposures at the site?</p> <p>Answer: <u>NO</u></p> <p>Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).</p>		

Remedial Project Manager Hoogerheide, Roger

Date Completed

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: MILLTOWN RESERVOIR SEDIMENTS

EPA ID: MTD980717565

HE Survey Status: Current Human Exposure Controlled

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 09/30/26

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Changed as a result of a data quality review and reassessment completed on 11/10/05 by the site RPM and the Montana Office Director.

Skip to Step 5	Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site? Answer: <u>Yes</u> Listing Reference Documents:	No	Insufficient Data to Determine Human Exposure Control Status
	↓ Yes		
	Step 2. Have all human exposure-related cleanup goals been met for the entire site? Answer: <u>No</u> Listing Reference Documents:	Yes	Long-Term Human Health Protection Achieved
	↓ No		
	Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions? Answer: <u>NO</u> Listing Reference Documents:	Yes	Current Human Exposures Not Controlled
	↓ Yes		
Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions? Answer: Listing Reference Documents:	No	Current Human Exposures Controlled Current Human Exposure Controlled and Protective Remedy in Place	
↓ Yes			
Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective? Answer: <u>No</u> Listing Reference Documents:	No		
↓ Yes			
Step 6. Are there continuing exposures at the site? Answer: <u>Yes</u> Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).			

Remedial Project Manager Sparks, Sara

Date Completed

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: MONTANA POLE AND TREATING

EPA ID: MTD006230635

HE Survey Status: Current Human Exposure Controlled

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 12/31/14

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Change the estimated long-term human health protected date.

Skip to Step 5	Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site? Answer: <u>Yes</u> Listing Reference Documents:	No	Insufficient Data to Determine Human Exposure Control Status
	↓ Yes		
	Step 2. Have all human exposure-related cleanup goals been met for the entire site? Answer: <u>No</u> Listing Reference Documents:	Yes	Long-Term Human Health Protection Achieved
	↓ No		
	Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions? Answer: <u>No</u> Listing Reference Documents:		
	↓ Yes		
Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions? Answer: Listing Reference Documents:	No	Current Human Exposures Not Controlled	
	↓ Yes		
	Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective? Answer: <u>No</u> Listing Reference Documents:	No	Current Human Exposures Controlled
		Yes	Current Human Exposure Controlled and Protective Remedy in Place
	Step 6. Are there continuing exposures at the site? Answer: <u>No</u> Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).		

Remedial Project Manager

Date Completed

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: MOUAT INDUSTRIES

EPA ID: MTD021997689

HE Survey Status: Current Human Exposure Controlled and Protective Remedy in Place

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 12/31/14

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Remedy is in place.

Skip to Step 5	Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site? Answer: <u>Yes</u> Listing Reference Documents:	No	Insufficient Data to Determine Human Exposure Control Status
	↓ Yes		
	Step 2. Have all human exposure-related cleanup goals been met for the entire site? Answer: <u>No</u> Listing Reference Documents:	Yes	Long-Term Human Health Protection Achieved
	↓ No		
	Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions? Answer: <u>No</u> Listing Reference Documents:	No	
	↓ Yes		
Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions? Answer: Listing Reference Documents:	No	Current Human Exposures Not Controlled	
↓ Yes			
	Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective? Answer: <u>Yes</u> Listing Reference Documents:	No	Current Human Exposures Controlled
		Yes	Current Human Exposure Controlled and Protective Remedy in Place
Step 6. Are there continuing exposures at the site? Answer: <u>No</u> Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).			

Remedial Project Manager Hoogerheide, Roger

Date Completed

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: SILVER BOW CREEK/BUTTE AREA

EPA ID: MTD980502777

HE Survey Status: Current Human Exposure Controlled

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 09/30/15

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Skip to Step 5	<p>Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site?</p> <p>Answer: <u>Yes</u></p> <p>Listing Reference Documents:</p>	No	Insufficient Data to Determine Human Exposure Control Status
	<p>↓ Yes</p>		
	<p>Step 2. Have all human exposure-related cleanup goals been met for the entire site?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	Yes	Long-Term Human Health Protection Achieved
	<p>↓ No</p>		
	<p>Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	No	Current Human Exposures Not Controlled
	<p>↓ Yes</p>		
<p>Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions?</p> <p>Answer:</p> <p>Listing Reference Documents:</p>	No		
	<p>↓ Yes</p>		
	<p>Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective?</p> <p>Answer: <u>No</u></p> <p>Listing Reference Documents:</p>	No	Current Human Exposures Controlled
		Yes	Current Human Exposure Controlled and Protective Remedy in Place
	<p>Step 6. Are there continuing exposures at the site?</p> <p>Answer: <u>No</u></p> <p>Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).</p>		

Remedial Project Manager	Greene, Nikia	Date Completed
--------------------------	---------------	----------------

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: SMURFIT-STONE MILL FRENCHTOWN

EPA ID: MTN000802850

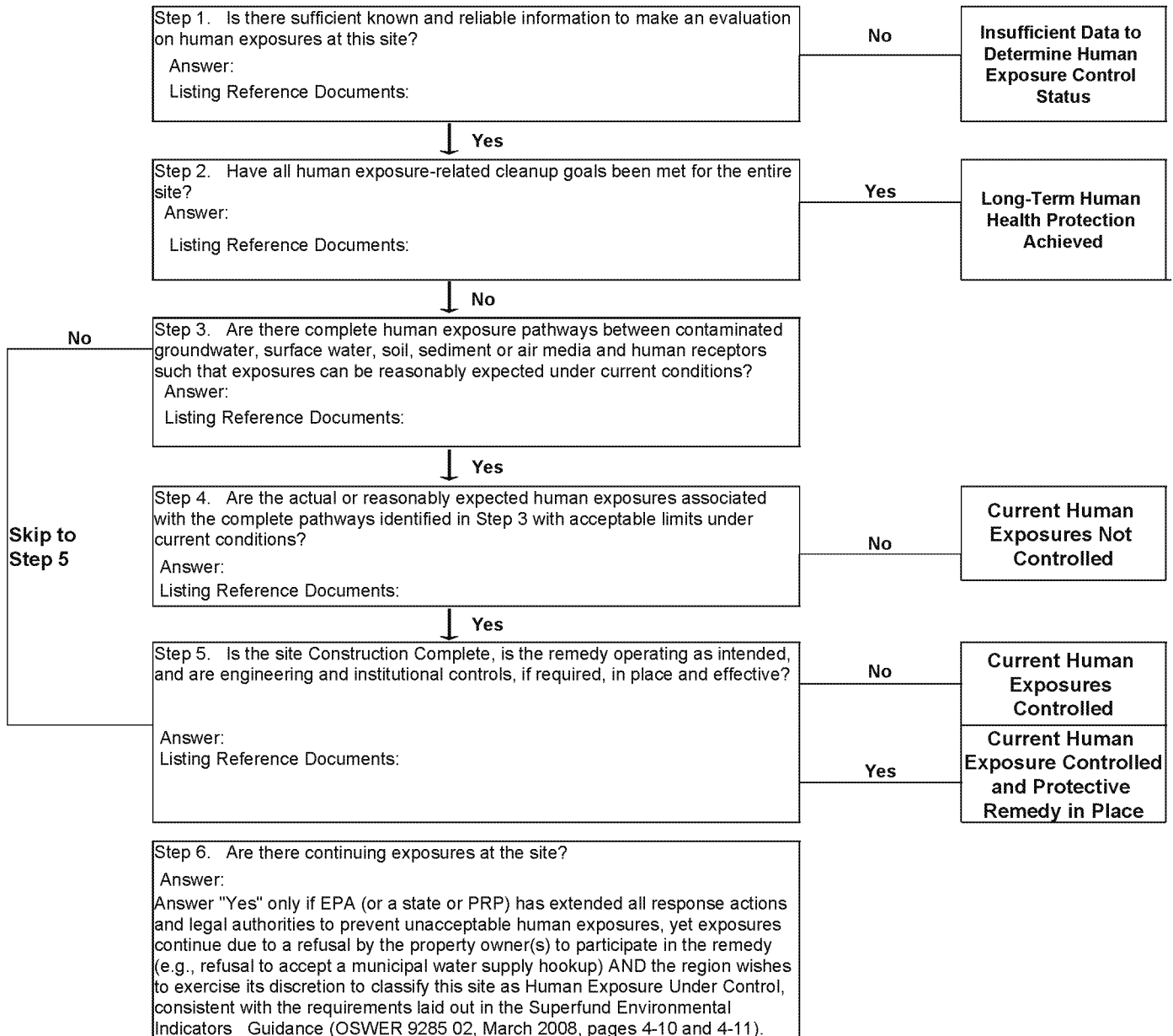
HE Survey Status:

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved:

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:



Remedial Project Manager Sparks, Sara	Date Completed
---------------------------------------	----------------

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: UPPER TENMILE CREEK MINING AREA

EPA ID: MTSFN7578012

HE Survey Status: Current Human Exposure Not Controlled

Estimated Under Control Date: 09/30/27

Estimated Date for Sufficient Information to make a HE Determination (if HEID):

Estimated LTHHP will be Achieved: 09/30/27

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Changed as a result of a data quality review and reassessment completed on 9/17/07 by the site RPM and the Montana Office Director.

Skip to Step 5	Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site? Answer: <u>Yes</u> Listing Reference Documents:	No	Insufficient Data to Determine Human Exposure Control Status
	↓ Yes		
	Step 2. Have all human exposure-related cleanup goals been met for the entire site? Answer: <u>No</u> Listing Reference Documents:	Yes	Long-Term Human Health Protection Achieved
	↓ No		
	Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions? Answer: <u>Yes</u> Listing Reference Documents:	Yes	Current Human Exposures Not Controlled
	↓ Yes		
Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions? Answer: <u>No</u> Listing Reference Documents:	No	Current Human Exposures Controlled Current Human Exposure Controlled and Protective Remedy in Place	
↓ Yes			
Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective? Answer: Listing Reference Documents:	No		
Yes			
Step 6. Are there continuing exposures at the site? Answer: <u>No</u> Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).			

Remedial Project Manager McAdams, Tillman

Date Completed

Superfund Long-Term Human Health Protection Worksheet